



UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2016/2017**

COURSE NAME : RISK MANAGEMENT
COURSE CODE : BPD 33802
PROGRAMME CODE : BPC
EXAMINATION DATE : DECEMBER 2016/JANUARY 2017
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

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THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

- Q1** Risk management in construction project involves the establishment of risk management infrastructure and culture by applying logical and systematic risk management processes in all stages of construction activities that involve risk.
- (a) Discuss **THREE (3)** benefits derived by providing a risk management process in construction project. (9 marks)
- (b) Examine **FOUR (4)** types of risks in a construction project. (16 marks)
- Q2** In today's post-crisis economy, effective risk management is a critical component of any winning management strategy. Risk management is one of the nine knowledge areas propagated by the Project Management Institute (PMI) as indicated in the Project Management Body of Knowledge (PMBOK) Guide. An effective risk management system implemented in a construction project must be practical, realistic and cost effective.
- (a) Discuss **TWO (2)** important aspects to be considered in choosing the appropriate technique for risk analysis. (5 marks)
- (b) Outline **FIVE (5)** steps of the risk management process implemented in construction project. (20 marks)
- Q3** Construction project development involves a lot of risk throughout its implementation from planning, construction and operation and maintenance stages. Risk management in the construction project management context is a comprehensive and systematic way of identifying, analysing and responding to risks to achieve the project objectives.
- Outline the method of risk management for **FIVE (5)** different types of risks in construction project. (25 marks)

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Q4 Risk analysis is an integral part of risk management process. The essence of risk analysis is to capture all feasible options and to analyse the various outcomes of the decision. Risk analysis is a complex process where detailed information such as project plans, financial data, security protocols, marketing forecasts and other relevant information are needed.

Analyse with examples, **ALL** steps required to perform risk analysis of a construction project.

(25 marks)

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- END OF QUESTIONS-